

EAST Search History**EAST Search History (Prior Art)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---------------------------------|---|------------------|---------|---------------------|
| S1 | 5 | "559832".ap. | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/18 14:48 |
| S2 | 4 | Stassin Fabrice.in. | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/17 17:42 |
| S3 | 7 | Calberg Cedric.in. | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/17 17:42 |
| S4 | 91 | Jerome Robert.in. | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/17 17:46 |
| S5 | 4 | ("20020120049" "4677158").PN. | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/18 08:56 |
| S6 | 302 | 521/50.ids. | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/18 08:46 |
| S7 | 319 | 521/99.ICLS. | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/18 08:47 |

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| S8 | 30 | (["20020006976" "20020022672" "20030205832" "3673290" "4692381" "5366675" "5369135" "5395795" "5710186" "5854295" "5977197" "6696504" "6759446" "6908950"),PN. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/18 08:53 |
| S9 | 88 | 521/83.ILS. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/30 11:53 |
| S10 | 373 | 524/789.ILS. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/18 09:03 |
| S11 | 0 | 2002/120049 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/18 09:03 |
| S12 | 2 | "2002120049" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/18 09:04 |
| S13 | 2 | voets patrick.in. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/18 09:04 |
| S14 | 2 | "4677158".pn. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/18 09:06 |
| S15 | 3845 | montmorillonite and (ammonium or phosphonium or tetraethylammonium chloride or siloxane) and (CO2 or carbon dioxide) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/18 09:20 |
| S16 | 1359 | montmorillonite and (ammonium and phosphonium and chloride or siloxane) and (CO2 or carbon dioxide) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/18 09:09 |

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| S17 | 98 | montmorillonite and (ammonium and phosphonium and chloride and siloxane) and (CO2 or carbon dioxide) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/18 09:11 |
| S18 | 97 | montmorillonite and (modify or modifying or modified) and (ammonium and phosphonium and chloride and siloxane) and (CO2 or carbon dioxide) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/18 09:12 |
| S19 | 24 | ((montmorillonite same (modify or modifying or modified)) and (ammonium and phosphonium and chloride and siloxane) and (CO2 or carbon dioxide)) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/18 09:15 |
| S20 | 2 | "6521678".pn. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/18 09:16 |
| S21 | 92 | chaiko.in. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/18 09:16 |
| S22 | 35 | chaiko.in. and clay | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/18 09:45 |
| S23 | 30 | montmorillonite and (ammonium chloride with (modify or modifier)) and (CO2 or carbon dioxide) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/18 09:23 |
| S24 | 30 | montmorillonite and (((ammonium chloride) or (ammonium hydrogen) or (ammonium bromide)) with (modify or modifier)) and (CO2 or carbon dioxide) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/18 09:26 |
| S25 | 2 | "6278764".pn. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/18 09:45 |

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| S26 | 2 | "5728764".pn. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/18 09:45 |
| S27 | 53 | ("3123641" "3252757" "3586478" "3654370" "3666407" "3671190" "3844978" "3844979" "3852405" "3855147" "4144122" "4432833" "4677158" "4695402" "4739094" "4960942" "4967005" "5151155" "5296627" "5344984" "5347051").PN. OR ("5728764").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/10/18 09:56 |
| S28 | 36 | wada hideo.in. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/10/18 09:57 |
| S29 | 0 | wada hideo.in. and clay | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/10/18 10:18 |
| S30 | 1 | tetrahydroperfluoroctyltriethylammonium iodide and (clay or montmorillonite) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/10/18 10:19 |
| S31 | 1 | tetrahydroperfluoroctyltriethylammonium iodide | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/10/18 10:20 |
| S32 | 0 | tetrahydroperfluoroctyltriethylammonium iodide | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/10/18 11:19 |
| S33 | 0 | octyltriethylammonium iodide | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/10/18 10:25 |
| S34 | 113 | iSHII AKIRA.in. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/10/18 10:28 |
| S35 | 1 | iSHII AKIRA.in. and clay | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/10/18 10:25 |
| S36 | 1 | "5633111".pn. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/10/18 10:28 |
| S37 | 65835 | 002 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/18 10:36 |

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| S38 | 10700 | (CO2 or carbon dioxide) with (super critical or supercritical) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/18 10:36 |
| S39 | 179 | S38 and montmorillonite | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/18 10:38 |
| S40 | 123 | montmorillonite and (tetraethylammonium chloride or tetrabutylammonium chloride or didodecyldimethylammonium bromide) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/10/18 11:26 |
| S41 | 11 | montmorillonite and (tetraethylammonium chloride or tetrabutylammonium chloride or didodecyldimethylammonium bromide) and dimethylsiloxane | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/10/18 11:27 |
| S42 | 17 | montmorillonite and (dimethylsiloxane same (modify or modifier)) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/10/18 11:45 |
| S43 | 648 | montmorillonite and (dimethylsiloxane) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/10/18 11:48 |
| S44 | 1 | "5,530052".pn. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/10/18 12:47 |
| S45 | 26 | "6057035" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/10/18 12:47 |
| S46 | 1 | "6057035".pn. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/10/18 12:49 |
| S47 | 132 | foam with (polyester and biodegradable) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/10/18 12:52 |
| S48 | 14 | S47 and (nanoclay or montmorillonite) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/10/18 12:50 |
| S49 | 342 | foam same (polyester and biodegradable) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/10/18 12:52 |
| S50 | 24 | foam same (polyester and biodegradable) and (nanoclay or montmorillonite) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/10/18 12:54 |
| S51 | 3 | foam same (polyester and bio) and (nanoclay or montmorillonite) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/10/18 12:55 |

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| S52 | 429 | foam same (polyester) and (nanoclay or montmorillonite) | US-PGPUB; USPAT; USOOR | ADJ | ON | 2007/10/18 12:57 |
| S53 | 410 | {"foam same (polyester)} and (montmorillonite) | US-PGPUB; USPAT; USOOR | ADJ | ON | 2007/10/18 13:01 |
| S54 | 253 | {"foam with (polyester)} and (montmorillonite) | US-PGPUB; USPAT; USOOR | ADJ | ON | 2007/10/18 13:01 |
| S55 | 38 | {"foam with (polyester)} and (montmorillonite) and biodegradable | US-PGPUB; USPAT; USOOR | ADJ | ON | 2007/10/18 13:09 |
| S56 | 80 | {"foam with (polyester)} and (clay with modified) | US-PGPUB; USPAT; USOOR | ADJ | ON | 2007/10/18 13:30 |
| S57 | 1 | "5654347".pn. | US-PGPUB; USPAT; USOOR | ADJ | ON | 2007/10/18 13:30 |
| S58 | 280 | perfluorooctane and triethylamine | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/18 14:48 |
| S59 | 10 | perfluorooctane same triethylamine | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/18 14:51 |
| S60 | 0 | {"perfluorooctane same triethylamine} and (iodo\$ or iodine) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/18 14:52 |
| S61 | 173 | {"perfluorooctane and triethylamine} and (iodo\$ or iodine) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/18 14:52 |
| S62 | 0 | "19710199793" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/22 13:38 |

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| S63 | 34 | "199793" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/22 13:41 |
| S64 | 0 | "199793.pn." | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/22 13:39 |
| S65 | 20 | ciba.in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/22 13:41 |
| S66 | 9 | geigy.in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/22 13:42 |
| S67 | 1201 | "11117" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/22 13:45 |
| S68 | 0 | triethyl ammonium same tetrahydroperfluoroctyl | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/22 13:46 |
| S69 | 0 | triethyl ammonium and tetrahydroperfluoroctyl | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/22 14:11 |

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| S70 | 64 | tetrahydroperfluoroctyl | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/22 14:11 |
| S71 | 0 | tetrahydroperfluoroctyl with (triethyl ammonium and iodide) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/22 14:11 |
| S72 | 0 | tetrahydroperfluoroctyl same (triethyl ammonium and iodide) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/22 14:11 |
| S73 | 0 | tetrahydroperfluoroctyl and (triethyl ammonium and iodide) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/22 14:12 |
| S74 | 0 | tetrahydroperfluoroctyl and (triethyl ammonium) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/22 14:12 |
| S75 | 0 | tetrahydroperfluoroctyl and (triethylammonium) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/22 14:32 |
| S76 | 0 | clay with (modify or modifier) and fluorinated ammonium | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/22 14:33 |

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| S77 | 6 | clay with (modify or modifier) and (ammonium with perfluoro) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/22 14:34 |
| S78 | 15 | clay with (modify or modifier) and (ammonium with fluoro) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/22 14:36 |
| S79 | 2 | tetrahydroperfluorooctane | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/22 14:37 |
| S80 | 0 | tetrahydroperfluorooctane and triethylammonium | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/22 14:38 |
| S81 | 1 | tetrahydroperfluorooctane and triethylamine | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/22 14:39 |
| S82 | 4 | "3655732";pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/22 14:39 |
| S83 | 0 | (clay or montmorillonite) same ((fluorinated or fluoro) with ammonium) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/30 11:38 |

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| S84 | 0 | (clay or montmorillonite) and ((fluorinated of fluoro) with ammonium) | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/30 11:39 |
| S85 | 0 | (clay or montmorillonite) and ((fluorinated of fluoro) same ammonium) | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/30 11:39 |
| S86 | 0 | (clay or montmorillonite) and ((fluorinated of fluoro\$10) same ammonium) | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/30 11:42 |
| S87 | 3 | "6911488".pn. | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/30 11:50 |
| S88 | 123 | ammonium hexafluorosilicate and clay | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/30 11:54 |
| S89 | 37 | 521/83.ICLS. and ammonium | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/30 11:53 |
| S90 | 14 | ammonium hexafluorosilicate and clay.ab. | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/30 12:46 |
| S91 | 2 | ammonium hexafluorosilicate and clay.ti. | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/30 12:47 |
| S92 | 7 | ammonium hexafluorosilicate same (clay or montmorillonite) | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/30 12:47 |

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| S93 | 2131 | ammonium same fluorine and (clay or montmorillonite) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/30 12:48 |
| S94 | 70 | (ammonium same fluorine) and (clay or montmorillonite).ab. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/30 12:57 |
| S95 | 1 | iodotetrahydroperfluorooctane | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/30 12:51 |
| S96 | 162 | (ammonium same fluorine) and (clay or montmorillonite).clm. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/30 12:58 |
| S97 | 44 | (ammonium same fluorine) and (montmorillonite).clm. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/30 12:58 |
| S98 | 2 | "5069994".pn. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/11/01 07:57 |
| S99 | 2 | "4677158".pn. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/11/01 09:07 |
| S100 | 0 | "29929129949" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/11/01 09:07 |
| S101 | 0 | "20029129949" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/11/01 09:07 |

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| S102 | 0 | "200290120049" | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2007/11/01 09:07 |
| S103 | 2 | "20020120049" | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2007/11/01 09:07 |
| S104 | 13 | (polydimethylsiloxane) with (amino or ammonium) | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2007/11/01 09:10 |
| S105 | 6 | S104 and clay | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2007/11/01 09:08 |
| S106 | 6 | "897866".ap. | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2007/11/01 09:10 |
| S107 | 2 | "20020018951" | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2007/11/01 17:11 |
| S108 | 320 | 521/99.ids. | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2008/05/27 17:42 |
| S109 | 78588 | (clay or montmorillonite).ab. | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2008/05/27 17:42 |
| S110 | 1597 | (clay or montmorillonite).ab. and (Carbon dioxide or CO2) | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2008/05/27 17:42 |

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| S111 | 508 | (clay or montmorillonite).ab. and (Carbon dioxide or CO2) and (ammonium or sulphonium) | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2008/05/27 17:43 |
| S112 | 27 | (clay or montmorillonite).ab. and (Carbon dioxide or CO2) with supercritical and (ammonium or sulphonium) | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2008/05/27 17:44 |
| S113 | 32206 | montmorillonite | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 11:11 |
| S114 | 7246 | S113.ab. | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 11:11 |
| S115 | 10849 | (carbon dioxide or (C("O.sub.2")))) with supercritical | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 11:12 |
| S116 | 3003 | S113 with (modif\$4) | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 11:13 |
| S117 | 15848 | (alkyl ammonium or tetraethylammonium chloride or tetrabutylammonium hydrogen sulfate or dodecyltrimethylammonium bromide or tetrahydroperfluorooctyltriethylammonium iodide) | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 11:14 |
| S118 | 1 | S114 and S115 and S116 and S117 | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 11:15 |
| S119 | 257068 | (carbon dioxide or (C("O.sub.2")))) | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 11:15 |

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|------|-------|--|---|-----|----|---------------------|
| S120 | 5 | S113 and S115 and S116 and S117 | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 11:15 |
| S121 | 13227 | (S113 or clay) with (modif\$4) | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 11:16 |
| S122 | 124 | S115 and S119 and S121 | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 11:17 |
| S123 | 2 | "6469073".pn. | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 11:24 |
| S124 | 521 | 523/216.ids. | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 11:38 |
| S125 | 45 | S124 and S119 | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 11:38 |
| S126 | 18 | S125 and S113 | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 11:38 |
| S127 | 22 | ("4451633" "4748220" "4845056" "5264404" "5312882" "5382623" "5385776" "5506317" "5589105" "5616286" "5639836" "5679737" "5698624" "5814678" "5840796" "5846643" "5910523" "6136908" "6228903").PN. OR ("6469073").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/09/10 11:39 |

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| S128 | 118 | S113 and S115 and \$8ammonium | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 11:42 |
| S129 | 20 | S113 and S115 and \$8ammonium.clm. | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 11:43 |
| S130 | 7 | manke charles.in. | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 11:46 |
| S131 | 16 | ("4451633" "4748220" "4845056" "5264404" "5312882" "5382623" "5385776" "5506317" "5589105" "5616286" "5639836" "5679737" "5814678" "5910523" "6469073").PN OR ("6753360"). URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/09/10 11:46 |
| S132 | 4533 | montmorillonite same \$8ammonium | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 12:12 |
| S133 | 0 | monl3 and "129" | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 12:14 |
| S134 | 50 | S115 and S132 | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 12:14 |
| S135 | 4456 | S113 same (salt or organomodifier) | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 12:20 |
| S136 | 64 | S115 and S135 | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 12:20 |

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| S137 | 0 | bhattacharya bhanage.in. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 12:25 |
| S138 | 161 | arai masahiko.in. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 12:26 |
| S139 | 0 | arai masahiko.in. and montmorillonite | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 12:26 |
| S140 | 1 | arai masahiko.in. and clay | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 12:26 |
| S141 | 2 | "22020120049" or "4677158".pn. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 12:32 |
| S142 | 4 | "20020120049" or "4677158".pn. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 12:33 |
| S143 | 3251 | (modif\$ with (clay or nanoclay or montmorillonite)).ab. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 12:35 |
| S144 | 8 | (modif\$ with (clay or nanoclay or montmorillonite)).ab. and S115 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 12:35 |
| S145 | 72 | cloliste\$ with salt | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 13:41 |

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| S146 | 8 | S115 and S144 | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 13:41 |
| S147 | 133 | (modif\$ with (clay or nanoclay or montmorillonite)) and S115 | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 13:41 |
| S148 | 3934186 | ((mix\$ or blend\$ with ((montmorillonite or nanoclay) and (salt or ammonium))) | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 13:44 |
| S149 | 2087 | ((mix\$ or blend\$) with ((montmorillonite or nanoclay) and (salt or ammonium))) | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 13:44 |
| S150 | 10849 | S115 and S119 | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 13:45 |
| S151 | 10849 | S115 and S150 | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 13:45 |
| S152 | 22 | S115 and S149 | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 13:45 |
| S153 | 5 | (modif\$ with (dry and (clay or nanoclay or montmorillonite))) and S115 | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 13:59 |
| S154 | 304 | (dry with (process or method)) and (clay or nanoclay or montmorillonite) and S115 | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 14:01 |

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| S155 | 0 | ((dry with (process or method)) and (clay or nanoclay or montmorillonite)).AB. and S115 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 14:04 |
| S156 | 0 | (modif\$ with (dry and (clay or nanoclay or montmorillonite))) and S115 AND WITHOUT WATER | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 14:04 |
| S157 | 1 | (modif\$ with ((clay or nanoclay or montmorillonite))) and S115 AND WITHOUT WATER | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 14:04 |
| S158 | 8 | ((clay or nanoclay or montmorillonite)) and S115 AND WITHOUT WATER | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 14:05 |
| S159 | 254 | (didodecyldimethylammonium bromide) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 14:20 |
| S160 | 23 | (didodecyldimethylammonium bromide) and montmorillonite | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 14:20 |
| S161 | 142 | montmorillonite and ammonium and S115 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 14:25 |
| S162 | 1 | (montmorillonite and ammonium and S115).clm. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 14:25 |
| S163 | 0 | (montmorillonite and \$8ammonium and S115).clm. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 14:26 |

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| S164 | 7 | (montmorillonite and S115).clm. | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 14:29 |
| S165 | 13074 | (carbon dioxide or ("CO. _{sub.2} ") with supercritical | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 14:31 |
| S166 | 10 | (montmorillonite and S165).clm. | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 14:31 |
| S167 | 16 | (montmorillonite and S165 and *521?/\$.ids. | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 14:35 |
| S168 | 309 | wada hideo.in. | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 14:49 |
| S169 | 3 | wada hideo.in. and montmorillonite | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 14:49 |
| S170 | 2171 | (cation exchange or cation-exchange) with (montmorillonite or clay or nanoclay) | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 16:38 |
| S171 | 1200 | (cation exchange or cation-exchange) with (montmorillonite or clay or nanoclay) and solvent | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 16:38 |
| S172 | 15 | (cation exchange or cation-exchange) with (montmorillonite or clay or nanoclay) and solvent and S165 | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 16:39 |

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| S173 | 19 | (cation exchange or cation-exchange) with (montmorillonite or clay or nanoclay) and S165 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 16:39 |
| S174 | 2 | wada hideo.in. and clay | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 17:13 |
| S175 | 1349 | S113.ab. and (alkyl ammonium or alkylammonium or ammonium) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 17:14 |
| S176 | 49 | S113.ab. and (alkyl ammonium or alkylammonium or ammonium) and carbon dioxide | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 17:15 |
| S177 | 315 | S113.clm. and (alkyl ammonium or alkylammonium or ammonium) and carbon dioxide | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 17:15 |
| S178 | 2 | "6821464".pn. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2008/09/10 17:44 |
| S179 | 14110 | supercritical with (carbon dioxide or ("CO ₂ .sub.2")) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/04/02 14:46 |
| S180 | 166 | montmorillonite with (modif\$4 near4 salt) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/04/02 14:48 |
| S181 | 2 | S179 and S180 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/04/02 14:48 |

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| S182 | 541 | montmorillonite with (modif\$4 and salt) | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2009/04/02 15:10 |
| S183 | 0 | S179 with S180 | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2009/04/02 15:11 |
| S184 | 33854 | montmorillonite | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2009/04/02 15:13 |
| S185 | 5460 | poly(dimethylsiloxane) | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2009/04/02 15:14 |
| S186 | 7 | S179 and S184 and S185 | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2009/04/02 15:16 |
| S187 | 2 | "20020082331" | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2009/04/02 15:20 |
| S188 | 7 | "748669".ap. | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2009/04/02 15:24 |
| S189 | 17 | "/4451633" "4748220" "4845056" "5264404" "5312882" "5382623" "5385776" "5506317" "5589105" "5616286" "5639836" "5679737" "5814678" "5910523" "6469073").PN. OR ("6753360"). JRPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/02 15:25 |
| S190 | 7 | "748669".ap. | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2009/04/09 20:24 |

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| S191 | 17 | {"4451633" "4748220" "4845056" "5264404" "5312882" "5382623" "5385776" "5506317" "5589105" "5616286" "5639836" "5679737" "5814678" "5910523" "6469073"}, PN, OR ("6753360"), URN. | US-PGPUB; USPAT; USOOR | ADJ | ON | 2009/04/09 20:24 |
| S192 | 6 | S191 and salt | US-PGPUB; USPAT; USOOR | ADJ | ON | 2009/04/09 20:25 |
| S193 | 14146 | supercritical with (carbon dioxide or ("CO. _{sub.2} .")) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/04/09 20:43 |
| S194 | 543 | montmorillonite with (modif\$4 and salt) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/04/09 20:43 |
| S195 | 33 | S193 and S194 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/04/09 20:43 |
| S196 | 0 | montmorillonite AND CLYwith (modif\$4 and salt) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/04/09 20:51 |
| S197 | 1222 | montmorillonite AND CLAY with (modif\$4 and salt) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/04/09 20:51 |
| S198 | 27 | S197 AND S193 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/04/09 20:51 |
| S199 | 2949 | montmorillonite AND CLAY with (modif\$4) and salt | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/04/09 20:52 |

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| S200 | 155 | montmorillonite AND CLAY with (modif\$4) and phosphonium salt | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2009/04/09 20:54 |
| S201 | 1 | S200 and S193 | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2009/04/09 20:54 |
| S202 | 56 | S199 and S193 | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2009/04/09 20:55 |
| S203 | 746 | montmorillonite and phosphonium salt | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2009/04/09 20:58 |
| S204 | 6 | montmorillonite and phosphonium salt and S193 | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2009/04/09 20:58 |
| S205 | 5 | montmorillonite and (tetraethylammonium chloride or tetrabutylammonium hydrogen sulfate or didodecyldimethylammonium bromide) and S193 | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2009/04/09 21:00 |
| S206 | 314 | wada hideo.in. | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2009/04/09 21:01 |
| S207 | 3 | wada hideo.in. and montmorillonite | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2009/04/09 21:01 |
| S208 | 4 | montmorillonite AND \$PHENYLZOANIINE | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2009/04/09 21:22 |

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| S209 | 2 | "2761835".pn. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/04/09 21:27 |
| S210 | 533 | 523/216.ics. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/04/09 21:37 |
| S212 | 35947 | montmorillonite | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/07 10:38 |
| S213 | 457078 | carbon dioxide or ("CO ₂ .sub.2") | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/07 10:39 |
| S214 | 30911 | (alkyl ammonium) or tetraethylammonium or tetrabutylammonium hydrogen sulphate or dodecyldimethylammonium bromide | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/07 10:40 |
| S215 | 681 | S212 and S213 and S214 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/07 10:40 |
| S216 | 20 | S212 and S213 with supercritical and S214 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/07 10:40 |
| S217 | 1793129 | (foam\$ or cellular or porous) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/07 10:41 |
| S218 | 681 | S212 and S213 and S214 and S215 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/07 10:41 |

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| S219 | 1506146 | siloxane or poly(dimethylsiloxane) or silicon | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/07 10:42 |
| S220 | 3815 | S212 and S213 and S219 | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/07 10:42 |
| S221 | 17922 | (modif\$4 or cation near3 exchang\$3) with (S212 or phyllosilicate or clay or nanoclay) | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/07 10:44 |
| S222 | 7085 | S221 and (S214 or S219) | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/07 10:44 |
| S223 | 1594 | S221 and (S214 or S219) and S213 | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/07 10:44 |
| S224 | 260244 | (S212 or phyllosilicate or clay or nanoclay) | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/07 10:45 |
| S225 | 465 | S221 and (S214 or S219) with S224 and S213 | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/07 10:45 |
| S226 | 25 | S221 and (S214 or S219) with S224 and S213 with supercritical | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/07 10:45 |
| S227 | 6 | S221 and (S214 or S219) with S224 and S213 and without solvent | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/07 11:16 |

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| S228 | 53 | S212 and S213 and S214 and S215 and without near3 solvent | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/07 11:16 |
| S229 | 0 | S212 and S213 with supercritical and S214 and S215 and without near3 solvent | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/07 11:18 |
| S230 | 0 | S212 and S213 with supercritical and S214 and S215 and without near3 solvent | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/07 11:18 |
| S231 | 0 | S212 and S213 with supercritical and S214 and without near3 solvent | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/07 11:20 |
| S232 | 0 | S212 and S213 with supercritical and S214 and without near3 solvent | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/07 11:20 |
| S233 | 3 | S212 and S213 with supercritical and S214 and without near3 (ethanol or water) | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/07 11:21 |
| S236 | 2 | "2761835".pn. | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/07 13:39 |
| S237 | 18 | ("2761835").URPN. | USPAT | ADJ | ON | 2010/01/07 13:39 |
| S238 | 3 | S237 and solvent | USPAT | ADJ | ON | 2010/01/07 13:39 |
| S239 | 565 | montmorillonite and non-polar near4 solvent | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/07 14:49 |

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| S240 | 18 | montmorillonite with non-polar near4 solvent | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/07 14:50 |
| S241 | 96 | montmorillonite with (modif\$) and non-polar near4 solvent | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/07 14:51 |
| S242 | 96 | S241 | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/07 14:51 |
| S243 | 540 | 523/216.ics. | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/07 14:54 |
| S244 | 20673 | non-polar near4 solvent | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/07 14:54 |
| S245 | 7 | S243 and S244 | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/07 14:54 |
| S246 | 365 | S243 and solvent | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/07 14:57 |
| S247 | 0 | S243 and ((without polar solvent) or (replac\$4 polar solvent) or (avoid\$4 polar solvent)) | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/07 14:58 |
| S248 | 457078 | carbon dioxide or ("CO. ₂ ") | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/07 15:05 |

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| S249 | 71 | S243 and S248 | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/07 15:05 |
| S250 | 51 | S243 and S248 and solvent | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/07 15:06 |
| S251 | 60 | (clay or nanoclay) with (non-polar near4 solvent) | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/07 15:11 |
| S252 | 65 | (clay or nanoclay or montmorillonite) with (non-polar near4 solvent) | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/07 15:11 |
| S253 | 19 | mielewski.in. | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/07 15:21 |
| S254 | 3 | ("5433112" "6207775" "6361733").PN. OR ("6828371").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/01/07 15:21 |
| S255 | 7 | montmorillonite with S248 near4 supercritical | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/07 16:03 |
| S256 | 283 | montmorillonite and S248 near4 supercritical | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/07 16:04 |
| S257 | 1 | ("5145578").PN. OR ("6316647").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/01/07 16:08 |
| S258 | 47 | "2262428".pn. or "2320009".pn. or "2348458".pn. or "241668".pn. or "2419755".pn. or "2472400".pn. or "2531440".pn. or "2599342".pn. or "2603598".pn. or "2607744".pn. or "2659693".pn. or "2681314".pn. | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/07 16:10 |

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|------|--------|--|---|-----|----|---------------------|
| S259 | 18 | ("2761835").URPN. | USPAT | ADJ | ON | 2010/01/07 16:56 |
| S260 | 0 | "scoo.sub2" | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/07 17:22 |
| S261 | 358 | "scoo.sub.2" | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/07 17:22 |
| S262 | 18 | "scoo.sub.2" and (clay or smectite or nanoclay or montmorillonite) | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/07 17:23 |
| S263 | 6 | ("20050131126" "20060252871" "6339121" "6407155" "6469073" "6753360").PN. OR ("7462666").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/01/07 17:28 |
| S264 | 1 | "4677158".pn. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/01/08 09:14 |
| S265 | 38 | ("3298849" "4391637" "4412018").PN. OR ("4677158").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/01/08 09:15 |
| S266 | 234268 | montmorillonite or smectite or phyllosilicate or nanoclay or clay | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/01/08 09:22 |
| S267 | 15205 | ((CO ₂ or carbon dioxide) with (super critical or supercritical)) or ("scoo.sub.2") | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/08 09:22 |
| S268 | 1124 | S266 and S267 | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/08 09:22 |
| S269 | 38 | S266 same S267 | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/08 09:23 |

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| S270 | 101 | S267 with (replac\$4 near3 solvent) | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/08 10:20 |
| S271 | 5 | S267 with (replac\$4 near3 solvent) and S266 | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/08 10:21 |
| S272 | 2 | "4610863".pn. | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/08 10:21 |
| S273 | 0 | S267 with (instead of near3 solvent) and S266 | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/08 10:23 |
| S274 | 3 | S267 with (without near3 solvent) and S266 | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/08 10:23 |
| S275 | 0 | S267 with (without ethanol) and S266 | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/08 10:23 |
| S276 | 84 | S267 with (without near3 solvent) not S266 | US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/08 10:24 |
| S277 | 3 | S266 with (modif\$4 and non-polar solvent) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/01/08 11:00 |
| S278 | 1 | "6449073".pn. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/01/08 11:34 |
| S279 | 1 | "6469073".pn. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/01/08 11:35 |

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|------|-------|---|--|-----|----|------------------|
| S280 | 23 | {"4451633" "4748220" "4845056" "5264404" "5312882" "5382623" "5385776" "5506317" "5589105" "5616286" "5639836" "5679737" "5698624" "5814678" "5840796" "5846643" "5910523" "6136908" "6228903").PN.OR(("6469073").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/01/08 11:35 |
| S281 | 2 | "7326750".pn. | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/08 11:47 |
| S282 | 8 | "20010025076" "20020022678" "20020058740" "20040183051" "20040241427" "5760121" "5844032" "6242500").PN.OR(("7326750").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/01/08 11:58 |
| S283 | 316 | WADA HIDEO.IN. | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/08 12:03 |
| S284 | 2 | WADA HIDEO.IN. AND (CLAY OR NANOCLAY OR MONTOMORILLONITE) | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/08 12:03 |
| S285 | 1183 | ISHII AKIRA.in. | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/08 12:24 |
| S286 | 35964 | ISHII AKIRA.in. and clay or montmorillonite | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/08 12:24 |
| S287 | 20 | ISHII AKIRA.in. and (clay or montmorillonite) | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/08 12:24 |
| S288 | 2 | "5824226".pn. | US-PGPUB; USPAT; FFPS; EPO; JPO; DERWENT | ADJ | ON | 2010/01/08 12:28 |

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|------|-----|--|------------------------|-----|----|------------------|
| S289 | 8 | (["3725302" "4517094" "5151155" "5292908"),PN, OR (["5824226"]).UPRN. | US-PGPUB; USPAT; USOOR | ADJ | ON | 2010/01/08 12:28 |
| S290 | 8 | (["3725302" "4517094" "5151155" "5292908"),PN, OR (["5824226"]).UPRN. | US-PGPUB; USPAT; USOOR | ADJ | ON | 2010/01/08 12:28 |
| S291 | 132 | (["2035546" "3419460" "3419517" "3515626" "3773708" "3795650" "3912532" "3929678" "3929849" "4053493" "4125411" "4136103" "4210572" "4251576" "4400485" "4431755" "4434075" "4472538" "4500670" "4546126" "4546145" "4600744" "4613542" "4624982" "4676929" "4739007" "4777206" "4789403" "4798766" "4810734" "4842651" "4849006" "4851021" "4874728" "4875762" "4889885" "4894411" "4920171" "4956121" "5028351" "5032546" "5032547" "5091482" "5102948" "5164440" "5164460" "5204078" "5206284" "5229451" "5248720" "5326500" "5340558" "5385776" "5391437" "5414042" "5428094" "5506046" "5508072" "5514734" "5552469" "5554670" "5571851" "5578672" "5659034" "5667886" "5698624" "5721306" "5730996" "5747403" "5747560" "5760106" "5760121" "5766751" "5801216" "5804613" "5824226" "5830528" "5837763" "5844032" "5849830" "5853886" "5871846" "5877248" "5880197" "5910523" "5952095" "5955094" "5981029" "5994445" "5998528" "6034163" "6050509" "6057396" "6071988" "6083559" "6084019" "6090734" "6124365" "6126734" "6225394"),PN, OR (["6407155"]).UPRN. | US-PGPUB; USPAT; USOOR | ADJ | ON | 2010/01/08 12:29 |

EAST Search History (Interference)

| Ref # | Hits | Search Query | DBS | Default Operator | Plurals | Time Stamp |
|-------|------|--|-----------------------|------------------|---------|------------------|
| S234 | 46 | stassin fabrice.in. or calberg œdric.in. or jerome robert.in. | US-PGPUB; USPAT; UPAD | ADJ | ON | 2010/01/07 10:35 |
| S235 | 540 | 523/216.ids. | US-PGPUB; USPAT; UPAD | ADJ | ON | 2010/01/07 10:36 |

1/15/2010 10:46:20 AM

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